APPEN.
XI

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Security Information

APPENDIX XI

Code Dictionaries and Other Listings of Terminology

The IBM files described in Appendix IX have been used to generate a series of listings. Exerpts of these are given below: the complete dictionaries and workbooks are available in Room 1348M (contact ███████████████)

25X1A9a

A) English to Code Dictionary Workbook. Here, the index terms are listed in alphabetical order. Following each term, its semantic factors are given in alphabetical order. Each factor is represented by a four letter code.

Autoclave	MACI	RAHE	SEPU
Autolysin	BODE	CELO	01
Autolyzate	BODE	CELO	02
Automatic	LUTA		
Automatic Pilot	GUDI	MACI	NECA SIRA
Automatic Rifle	MILI	WEPO	
Automobile	SICA		
Automotive	LUTA	SICA	
Autotype	PORE	POTO	
Auxiliary	DAHI		
Auxochrome	COLE		
Aviation	SIRA		
Avocado	PANE	VEGE	
Avogadro Number	CAKE	CAPI	LEME MOLU

B) Code to English Dictionary Workbook. Here, the codes are arranged in alphabetical order. Following each code is the term to which it applies.

CELO	01			Cell Animal
CELO	02			Cellular
CELO	03			Cephalins
CELO	04			Cerebroside
CELO	COLE	01		Chromatolysis
CELO	COLE	02		Depigmentation
CELO	COLE	NEZE	RECA	Dopa Reaction
CELO	DEDA			Carcinolysis
CELO	FULI			Hemagglutinin
CELO	FULI	MACI	NALE	Hematimeter
CELO	FULI	NIHI		Cytotoxin
CELO	GEGE			Blastomere
CELO	NEZE			Desmoenzyme
CELO	SICE	01		Cytology
CELO	SICE	02		Histology

Security Information

C) Listing of Terms Sorted for Individual Semantic Factors.
The first step in preparing this list was to sort the IBM file
for individual semantic factors. New cards were made for each
semantic element of a given term. Thus from the card punched
for absorbent cotton ....BASO TEXI, two new cards were prepared:

Absorbent Cotton	BASO
Absorbent Cotton	TEXI

The groups of cards so prepared were then arranged in alphabet-
ical order of the single semantic factor, and tabulations were
run off to produce this listing.

Auto	SICA
Automobile	SICA
Automotive	SICA
Bicycle	SICA
Bus	SICA
Garage	SICA
Half Track	SICA
Locomotive	SICA
Motorcycle	SICA
Rail	SICA
Round House	SICA
Sled	SICA
Snowshoes	SICA
Tank	SICA
Track Laying	SICA
Tractor	SICA
Train	SICA
Tram	SICA
Truck	SICA
Wagon	SICA

D) Semantic Factor Dictionaries. Two listings were prepared.
In one of these the alphabetic order is based on the four letter
codes used to designate semantic factors. In the listing, each
four letter code is followed by the words used to designate the
corresponding semantic factor. Thus the code MACI is followed by
"apparatus", "devices", "equipment", "instrument", "machinery",
which are terms used to designate the broad concept or semantic
factor corresponding to the code MACI.

ENGLISH to CODE

Burn	FIRE
Business	NITU
Buy	BUYU
By Product	WAPO

Security Information

Calculate	DETO
Camouflage	CAMO
Carbohydrate	CABO
Carbon	CARO
Carry	CARA
Catalyst	CAYO
Cause	GANE
Cavity	CAVI
Cell Biological	CELO
Cellulose	CELU
Chain	CEHI
Chair	FURO
Change	CANE
Characteristic	CATO
Chemical Property	CAKE
Chemistry	SICE
Circulatory System Animal	BOCA
Classification	RARA

CODE to ENGLISH

LEFU	Electric Current
LEGA	Law
	Legal
LEME	Element
	Factor
	Unit
LERE	Electrolysis
LIKI	Fluids
	Liquid
LIVE	Livestock
	Meat Industry
LOCA	Area of Operation
	Location
LUTA	Qualifying Tags
MACI	Apparatus
	Devices
	Equipment
	Instrument
	Machinery
MAGI	Magnet

E) <u>General Field Listing of Terms</u>. Here, the terms which have
been processed to date are grouped according to major fields. The
terms of each field are listed in alphabetical order. See Appen-
dix IX, Figure IV, for enumeration of the major fields. It will be
recalled that both categorization as to major fields and further
finer classification served the purpose of facilitating semantic
factoring.

Security Information
NUCLEAR SCIENCE

Alpha Nucleus	17
Atomic Energy	17
Atomic Weapon	17
Canning	17
Cyclotron	17
Denaturant	17
Disintegration	17
Gamma Ray	17
Hydrogen Bomb	17
Neutrino	17
Neutron	17
Nuclear Energy	17
Nuclear	17
Positron	17
Radiate	17
Radiological	17
Radial	17
Shower	17